

Title (en)
GLASS ENCAPSULATION STRUCTURE AND INJECTION MOLDING DEVICE

Title (de)
GLASVERKAPSELUNGSSTRUKTUR UND SPRITZGUSSVORRICHTUNG

Title (fr)
STRUCTURE D'ENCAPSULATION DE VERRE ET DISPOSITIF DE MOULAGE PAR INJECTION

Publication
EP 3164282 A4 20180228 (EN)

Application
EP 15814561 A 20150701

Priority
• CN 201410318143 A 20140704
• CN 2015083020 W 20150701

Abstract (en)
[origin: WO2016000612A1] A glass encapsulation structure and an injection molding device are provided. The encapsulation structure includes: a guide piece; and an encapsulation component, wherein the guide piece is fixed to a side surface of a glass through the encapsulation component, wherein the guide piece includes a strip part, a bump and a positioning hole, wherein the strip part has a first surface, and a second surface opposite to the first surface and facing an interior of a vehicle body when the guide piece is mounted onto the vehicle body, the bump is located on and perpendicular to the first surface, the positioning hole is formed in the bump, an axis of the positioning hole is perpendicular to the side surface of the glass, and the positioning hole matches a positioning pin in an injection molding device in an injection molding process. A yield of encapsulation structures may be improved.

IPC 8 full level
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Citation (search report)
• [XY] EP 1433631 A1 20040630 - CENTRAL GLASS CO LTD [JP]
• [Y] US 5566840 A 19961022 - WALDNER PAUL R [DE], et al
• [A] WO 2008118903 A1 20081002 - HUTCHINSON SEALING SYSTEMS INC [US], et al
• [A] US 4662113 A 19870505 - WEAVER WILLIAM R [US]
• See references of WO 2016000612A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2016000612 A1 20160107; CN 105291792 A 20160203; CN 105291792 B 20180316; EP 3164282 A1 20170510; EP 3164282 A4 20180228; EP 3164282 B1 20190911; ES 2756298 T3 20200427; MX 2016014358 A 20170127; PL 3164282 T3 20200331; PT 3164282 T 20191204; US 2017165883 A1 20170615; US 2018126611 A1 20180510; US 9889585 B2 20180213

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